



# ADVANCED ADDITIVES FOR THERMOSETS

Lubrizol innovates a range of dispersants and specialty additives for thermosets that provide outstanding process advantages including efficient dispersion, air release, styrene suppression, and rheology control.

## Features and Benefits

- Higher pigment & filler loading
- Significant viscosity reduction
- Higher color strength development
- Improved color to white compatibility
- Faster processing times
- Rapid air release
- Effective styrene suppression
- Stable rheology
- Enhanced composite properties due to consistent dispersion of particles

Solplus™ Hyperdispersants provide a combination of dispersing and wetting properties as well as anti-settling benefits in a single additive to improve the dispersion of fillers, flame retardants and reinforcements (fibres) in thermoset systems, as well as for organic and inorganic pigments in gelcoats. Products are 100% active and solvent free, and deliver benefits including high filler/ flame retardant loadings, low viscosities, anti-settling, excellent stability, high colour strength and good compatibility for efficient processing.

In addition, Solplus™ Air Release Agents are designed to work in a range of thermoset resins. Product options include various marketing enhancements, such as: Label/VOC/ Silicone free, and EU food approval.

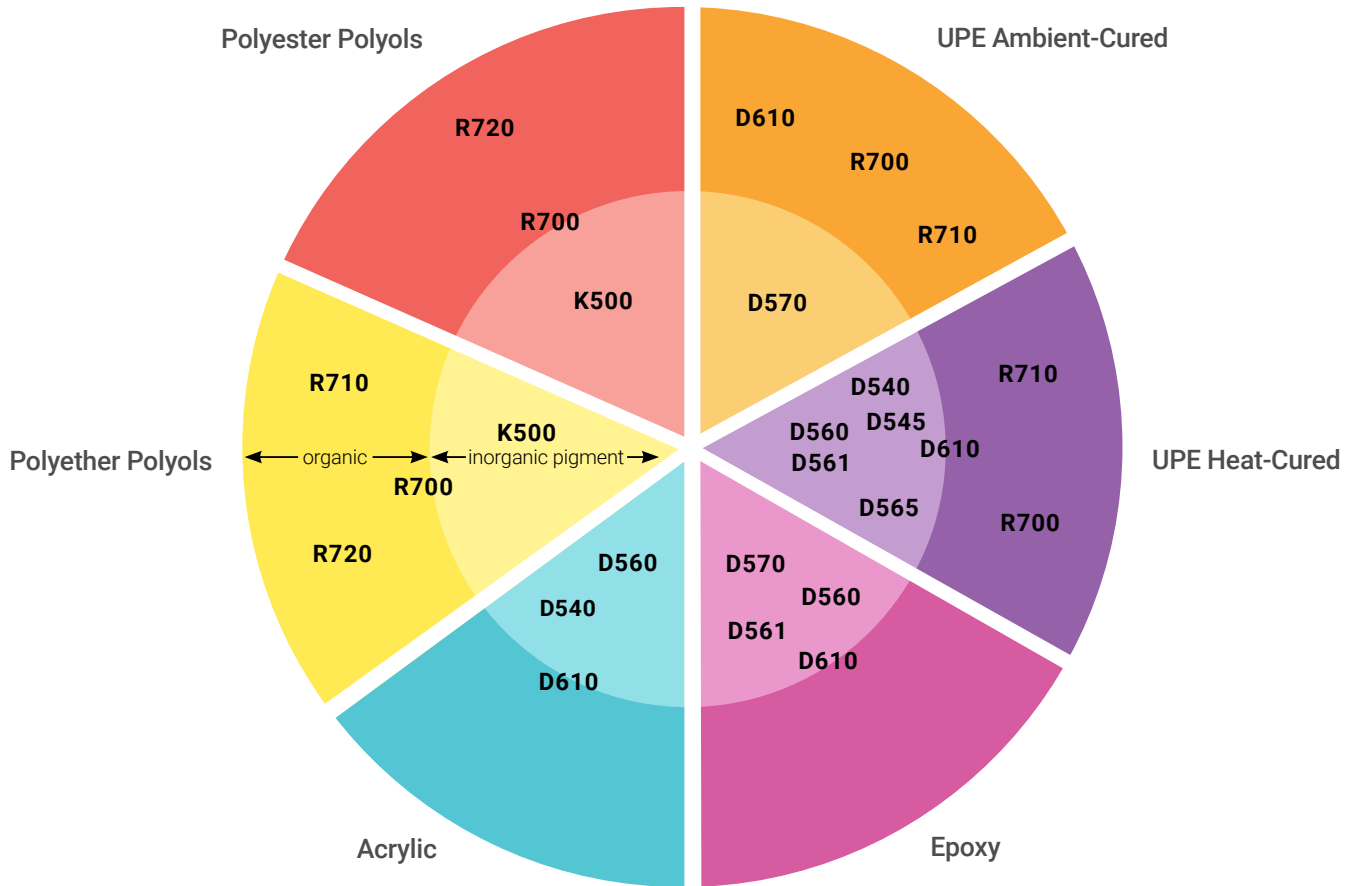
Lubrizol also maintains a line of rheology control agents which are excellent at stabilizing and enhancing rheology to suit the final thermoset application.

And our line of styrene suppressants are extremely effective, reducing styrene emissions by up to 50%.

PRODUCT	DESCRIPTION
<b>Solplus™ D600</b>	Anti-separation additive or compatibiliser for low shrink polymers, in SMC
<b>Solplus™ ES1000</b>	Styrene emission suppressant
<b>Solplus™ F100</b>	Air release agent for unsaturated polyester and vinyl ester
<b>Solplus™ F110</b>	Air release agent for unsaturated polyester
<b>Solplus™ F300</b>	Air release agent for epoxy composites and flooring
<b>Solplus™ F500</b>	Air release agent for unsaturated polyester, epoxy, and vinyl ester
<b>Solplus™ F510</b>	Air release agent for unsaturated polyester, epoxy, and vinyl ester
<b>Solplus™ TX5</b>	Rheology control agent for unsaturated polyester, silica booster, and stabilizer
<b>Ircogel™ 900/903</b>	Rheology control agents for polyurethane
<b>Lanco™ Stat LI100</b>	Anti-static agent (temporary) for polyurethane



## Solplus™ Hyperdispersants for Thermosets



Contact your local Lubrizol representative for more product details.



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